

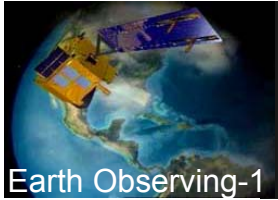
Mission Technology Forum

Section 1b

Introduction

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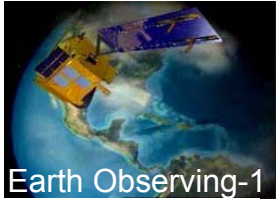


Introduction



Mission Technology Forum

- ◆ ***This is the second of four Technology Workshops/Forums associated with the New Millennium Program's First Earth Observing Mission (EO-1)***
 - *First held at LDCM Workshop January 2001- USGS, Reston Va*
 - *ALI Tech Workshop at MIT/LL September 24-25, 2001*
 - *EO-1 Science Validation Forum Summer 2002*
- ◆ ***The purpose of these Forums is to facilitate the transfer of EO-1 technologies into new applications and efficiently infuse them into future missions***
- ◆ ***EO-1 developed as pathfinder for future Landsat missions, these technology forums are tightly coordinated with the LDCM Formulation Efforts and RFP activities***



Introduction



Mission Technology Forum

- ◆ ***The primary emphasis of this forum is to report on the technology validation status of the EO-1 technologies and relay lessons learned***
 - ***The Science Validation Workshop in Summer 2002 will relay results and Science Validation Reports from the EO-1 Science Validation Team***
- ◆ ***Ultimate goal is to infuse relevant EO-1 technologies, enabling greater science capabilities, and reducing risk to future missions such as LDCM***
- ◆ ***EO-1's eight months on-orbit since launch on November 21, 2000 have been very successful and the observatory is very healthy***
 - ***Extended mission formulation nearly complete (see Section 4)***
 - ***We continue to reduce future mission risks by running on-orbit tests which exercise envelope of instrument and observatory performance***
 - ***So far we haven't broken anything***